

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO. 1419.1076

Sheet 1 of 1

FIRST NAMED INVENTOR

July 17, 2003

10/620,422

INFORMATION DISCLOSURE STATEMENT

Kimitaka WATANABE

FILING DATE

GROUP ART UNIT 2879

(Use several sheets if necessary)

**U.S. PATENT DOCUMENTS** 

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
5.R.	AA	5,680,160	10/21/97	LaPointe			
3.R.	AB	5,977,704	11/2/99	Shi et al.		$\setminus$	
5.R.	AC	2002/0180712	12/5/02	Sato et al.			
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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## **U.S. PATENT DOCUMENTS**

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*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
S.R.	AA	2004- 0000863	1/1/04	Miyake		./	· · · · · · · · · · · · · · · · · · ·
6.R'	AB	4,172,333 <sup>-</sup>	10/30/79	Towsend			
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**FOREIGN PATENT DOCUMENTS** 

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EXAMINER Sikhar Roy	DATE CONSIDERED
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Sheet 1 of 1 APPLICATION NO. ATTORNEY DOCKET NO. U.S. DEPARTMENT OF COMMERCE FORM PTO-1449 PATENT AND TRADEMARK OFFICE 10/620,422 1419.1076 FIRST NAMED INVENTOR **HSI OF REFERENCES CITED BY APPLICANT** Kimitaka WATANABE et al. FILING DATE GROUP ART UNIT (Use several sheets if necessary) July 17, 2003 2879 DEC 3 0 2004 **U.S. PATENT DOCUMENTS** SUB-**FILING** EXAMINES DOCUMENT **CLASS** DATE NO. **CLASS** DATE NAME 5.R 8/11/98 Wedding, Sr. 5,793,158 5.R. 7/18/00 Shioya et al. 6.091.382 C D FOREIGN PATENT DOCUMENTS DOCUMENT ABSTRACT **TRANSLATION** NO. DATE COUNTRY YES NO 5.R. 2/9/84 X Ε 59-25197 Japan X F 4/30/92 4-51795 Japan X 8-153582\*\* 6/11/96 G Japan X Н 2001-52875 2/23/2001 Japan X 2001-337633 12/7/2001 Japan X 2/15/2002 2002-50486 Japan \*\* ALREADY OF RECORD - FILED WITH APRIL 5, 2004 IDS, AND DISCUSSED IN THE APPLICATION OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.) TRANSLATION YES Κ DATE CONSIDERED **EXAMINER** Sikhar Roy 10/7/05 \*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.